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OFFICIAL**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Livshits et al.

Art Unit: 1652

Serial No. 09/847,392

Examiner: Rao

Filed: May 3, 2001

Atty. Docket: US-1250D1

For: DNA CODING FOR PROTEIN WHICH CONFERS ON BACTERIUM
ESCHERICHIA COLI RESISTANCE TO L-HOMOSERINE, AND METHOD FOR
PRODUCING L-AMINO ACID

**REVOCATION OF PRIOR POWER OF ATTORNEY AND
APPOINTMENT OF NEW ATTORNEYS OF RECORD**

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned, having express authority to represent Ajinomoto Co., Inc., the assignee of the entire right, title, and interest in the above-identified application, by assignment filed at the U.S. Patent and Trademark Office on December 10, 1999 (copy enclosed), hereby revokes all powers of attorney heretofore given in the above-identified application, and appoints as his agents and attorneys:

Shelly Guest Cermak Reg. No. 39,571

of AJINOMOTO USA, Inc., telephone (202) 457 0284, 1120 Connecticut Ave., Ste. 1010, Washington DC, 20036, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

Att'y Dkt. No.:US-125OD1
U.S. App. No.:09/847,392

Please direct all future correspondence concerning this application to said firm,
having the following Customer Number, at the following address:

Ajinomoto USA, Inc.
1120 Connecticut Avenue
Ste. 1010
Washington DC 20036

000038108
PATENT TRADEMARK OFFICE

FOR: Ajinomoto Co., Inc.

SIGNATURE: H. Sugizaki

BY: Mr. Hiromitsu Sugizaki

TITLE: General Manager of Intellectual Property

DATE: Dec. 12, 2003

Att'y Dkt: US-1250D1
U.S. App. No.: 09/847,392

Certificate Under 37 C.F.R. § 3.73(b)

Applicant(s): Livshits et al.

Application No: 09/847,392 Filed: May 3, 2001

For: DNA CODING FOR PROTEIN WHICH CONFERS ON BACTERIUM ESCHERICHIA COLI
RESISTANCE TO L-HOMOSERINE AND METHOD FOR PRODUCING L-AMINO ACIDS

Ajinomoto Co., Inc., a
Corporation
(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above
by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment
was recorded in the Patent and Trademark Office at Reel 010455, Frame 0169, or for
which a copy thereof is attached.

[or]

B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current
assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified
above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Att'y Dkt: US-1250D1U.S. App. No.: 09/847,392

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name: Mr. Hiromitsu Sugizaki

Title: General Manager of Intellectual Property

Signature: H. Sugizaki

Date: Dec. 12, 2003

09/396,357 ^{US}*Assignment Of Application*

Page 1 of 2

WHEREAS, I (WE)

INSERT NAMES
AND RESIDENCES
ADDRESSES OF
THE INVENTORS:

Vitaly Arkadievich LIVSHITS, Natalya Pavlovna ZAKATAEVA,
Vladimir Venyamiovich ALEOSHIN, Alla Valentinovna BELAREOVA,
Irina Lvovna TOKHMAKOVA, all of whose Post Office address
are the same of; c/o Institute of Genetics and Selection of
Industrial Microorganisms (GNIIGenetika), 1, Dorozhny pr.,
1, 113545, Moscow, Russia

_____, respectively.

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: DNA CODING FOR PROTEIN
WHICH CONFERS ON BACTERIUM ESCHERICHIA COLI RESISTANCE TO L-HOMOSERINE
AND METHOD FOR PRODUCING L-AMINO ACIDS

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on August 24, 1999

(Application No. 09/396,357, filed September 15, 1999), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, Ajinomoto Co., Inc.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 15-1, Kyobashi
1-chome, Chuo-ku, Tokyo, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the
receipt whereof is hereby acknowledged, and for other good and valuable consideration,
I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and
exclusive right to the said invention in the United States and its territorial possessions and
in all foreign countries and the entire right, title and interest in and to any and all Letters
Patent which may be granted therefor in the United States and its territorial possessions
and in any and all foreign countries and in and to any and all divisions, reissues, continua-
tions, substitutions and renewals thereof.

1/95

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: August 24, 1999

(Signature of inventor)

Vitaly Arkadievich LIVSHITS

Date: August 24, 1999

(Signature of inventor)

Natalya Pavlovna ZAKATAEVA

Date: August 24, 1999

(Signature of inventor)

Vladimir Venyamiovich ALEOSHIN

Date: August 24, 1999

(Signature of inventor)

Alla Valentinovna BELAREOVA

Date: August 24, 1999

(Signature of inventor)

Irina Lvovna TOKHMAKOVA

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
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